

**To:** Denawa, Mai[Denawa.Mai@epa.gov]; Odendahl, Steve[Odendahl.Steve@epa.gov]  
**From:** Dubey, Susmita  
**Sent:** Thur 11/17/2016 1:23:30 PM  
**Subject:** Re: DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating Agencies Meeting

Thanks, Mai. I am on leave most of today so probably won't get to this until tomorrow. If you have time to review before then, I can add my comments to yours.

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**From:** Denawa, Mai  
**Sent:** Wednesday, November 16, 2016 3:34 PM  
**To:** Odendahl, Steve; Dubey, Susmita  
**Subject:** FW: DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating Agencies Meeting

Hi Susmita,

Hope you are doing well. Steve and I were wondering if perhaps we could consolidate our comments to Tim? Would you prefer to take a look first, or would you prefer that we send our consolidated edits to you first?

Thanks!

Mai

**From:** Russ, Timothy  
**Sent:** Wednesday, November 16, 2016 10:41 AM  
**To:** Patulski, Meg <patulski.meg@epa.gov>; Berry, Laura <berry.laura@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>  
**Cc:** Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris <Dresser.Chris@epa.gov>; Anderson, Carol <Anderson.Carol@epa.gov>; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>; Rickard, Joshua <Rickard.Joshua@epa.gov>  
**Subject:** DRAFT Information for Transmittal to CDOT/FHWA Regarding 10/25/16 Cooperating Agencies Meeting

Hi Everyone,

## **Ex. 5 - Deliberative Process**

I've designed the email to come from me to CDOT/FHWA, but it can certainly be altered to come from Region 8 Air Program management if that seems more appropriate.

Thanks to all for your review and edits!

Tim

Tim Russ  
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USEPA Region 8  
Air Program  
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**Ex. 5 - Deliberative Process**

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# **Ex. 5 - Deliberative Process**

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**La Casa (CASA)**

Region: Denver

Monitoring Station

4545 Navajo Street

SAROAD:

AQS ID: 080310026

Latitude: 39.779460

Longitude: -105.005124

Reporting capabilities (hourly)

SLAMS: CO, PM10, PM2.5NAMS: O3, SO2SPM: NO, RD, RS, TEMP, WD, WS

EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM<sub>2.5</sub> and PM<sub>10</sub> Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM<sub>10</sub> NAAQS*:

Calculating Design Values and Determining Conformity

The 24-hour PM<sub>10</sub> design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6.<sup>153</sup> Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background Concentration Values from the Monitor	Monitor Value Used for Design Value Calculation
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

**PM<sub>10</sub> data from the La Casa monitoring site are provided in the table below:**

**POC 1 1 in 3 Sampler**

Year	N	Highest value	2 <sup>nd</sup> highest	3 <sup>rd</sup> highest	4 <sup>th</sup> highest
2015	119	55	48	44	43
2014	127	66	65	62	62
2013	122	81	73	56	45

“N” = the number of days of valid data recovery.

**NOTE:** There are actually three PM<sub>10</sub> monitors co-located at the La Casa monitoring location. POC#1 is a “1 in 3” sampler and takes a sample every 3<sup>rd</sup> day; it is our understanding that this is the primary monitor as so designated by CDPHE. POC#2 is a “1 in 6” sampler and takes a sample every 6<sup>th</sup> day and POC#3 is a continuous monitor and samples every day.

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**Ex. 5 - Deliberative Process**

**Referred to FHWA**

**Ex. 5 - Deliberative Process**

**Ex. 5 - Deliberative Process**

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Please let us know if there are any questions.

Thanks!

Tim

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